



PCT

## RAW SEQUENCE LISTING

DATE: 10/12/2004

PATENT APPLICATION: US/10/510,018

TIME: 12:10:38

Input Set : A:\LEA 35 945.ST25.txt

Output Set: N:\CRF4\10122004\J510018.raw

3 <110> APPLICANT: Golz, Stefan  
 4 Bruggemeier, Ulf  
 5 Weingarten, Bernhard  
 7 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with  
 8 Neuropeptide FF Receptor 2 (NPFF2)  
 10 <130> FILE REFERENCE: Le A 35 945  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/510,018  
 C--> 12 <141> CURRENT FILING DATE: 2004-10-01  
 12 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/002962  
 13 <151> PRIOR FILING DATE: 2003-03-21  
 15 <150> PRIOR APPLICATION NUMBER: EP 02007270.8  
 16 <151> PRIOR FILING DATE: 2002-04-02  
 18 <160> NUMBER OF SEQ ID NOS: 5  
 20 <170> SOFTWARE: PatentIn version 3.3  
 22 <210> SEQ ID NO: 1  
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 24 <212> TYPE: DNA  
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ENTERED

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88 aaaattaaaa ataaacaaaa atggtcataa gatcataaac aatcttatgt tgtataaaaa 1860
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110 Ala Leu Ser Val Gln Gln Arg Gly Gly Pro Ala Trp Ser Gly Ser Leu
111 35 40 45
114 Glu Trp Ser Arg Gln Ser Ala Gly Asp Arg Arg Arg Leu Gly Leu Ser
115 50 55 60
118 Arg Gln Thr Ala Lys Ser Ser Trp Ser Arg Ser Arg Asp Arg Thr Cys
119 65 70 75 80
122 Cys Cys Arg Arg Ala Trp Trp Ile Leu Val Pro Ala Ala Asp Arg Ala
123 85 90 95
126 Arg Arg Glu Arg Phe Ile Met Asn Glu Lys Trp Asp Thr Asn Ser Ser
127 100 105 110
130 Glu Asn Trp His Pro Ile Trp Asn Val Asn Asp Thr Lys His His Leu
131 115 120 125
134 Tyr Ser Asp Ile Asn Ile Thr Tyr Val Asn Tyr Tyr Leu His Gln Pro
135 130 135 140
138 Gln Val Ala Ala Ile Phe Ile Ile Ser Tyr Phe Leu Ile Phe Phe Leu
139 145 150 155 160
142 Cys Met Met Gly Asn Thr Val Val Cys Phe Ile Val Met Arg Asn Lys
143 165 170 175
146 His Met His Thr Val Thr Asn Leu Phe Ile Leu Asn Leu Ala Ile Ser
147 180 185 190
150 Asp Leu Leu Val Gly Ile Phe Cys Met Pro Ile Thr Leu Leu Asp Asn
151 195 200 205
154 Ile Ile Ala Gly Trp Pro Phe Gly Asn Thr Met Cys Lys Ile Ser Gly
155 210 215 220
158 Leu Val Gln Gly Ile Ser Val Ala Ala Ser Val Phe Thr Leu Val Ala
159 225 230 235 240
162 Ile Ala Val Asp Arg Phe Gln Cys Val Val Tyr Pro Phe Lys Pro Lys
163 245 250 255
166 Leu Thr Ile Lys Thr Ala Phe Val Ile Ile Met Ile Ile Trp Val Leu
167 260 265 270
170 Ala Ile Thr Ile Met Ser Pro Ser Ala Val Met Leu His Val Gln Glu

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178 Val Tyr Trp Cys Arg Glu Asp Trp Pro Asn Gln Glu Met Arg Lys Ile
179 305          310          315          320
182 Tyr Thr Thr Val Leu Phe Ala Asn Ile Tyr Leu Ala Pro Leu Ser Leu
183          325          330          335
186 Ile Val Ile Met Tyr Gly Arg Ile Gly Ile Ser Leu Phe Arg Ala Ala
187          340          345          350
190 Val Pro His Thr Gly Arg Lys Asn Gln Glu Gln Trp His Val Val Ser
191          355          360          365
194 Arg Lys Lys Gln Lys Ile Ile Lys Met Leu Leu Ile Val Ala Leu Leu
195          370          375          380
198 Phe Ile Leu Ser Trp Leu Pro Leu Trp Thr Leu Met Met Leu Ser Asp
199 385          390          395          400
202 Tyr Ala Asp Leu Ser Pro Asn Glu Leu Gln Ile Ile Asn Ile Tyr Ile
203          405          410          415
206 Tyr Pro Phe Ala His Trp Leu Ala Phe Gly Asn Ser Ser Val Asn Pro
207          420          425          430
210 Ile Ile Tyr Gly Phe Phe Asn Glu Asn Phe Arg Arg Gly Phe Gln Glu
211          435          440          445
214 Ala Phe Gln Leu Gln Leu Cys Gln Lys Arg Ala Lys Pro Met Glu Ala
215          450          455          460
218 Tyr Ala Leu Lys Ala Lys Ser His Val Leu Ile Asn Thr Ser Asn Gln
219 465          470          475          480
222 Leu Val Gln Glu Ser Thr Phe Gln Asn Pro His Gly Glu Thr Leu Leu
223          485          490          495
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VERIFICATION SUMMARY

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Input Set : A:\LEA 35 945.ST25.txt

Output Set: N:\CRF4\10122004\J510018.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date